

Index of Authors — 1999

Abba, Ibrahim A. - See Grace, John R.	305	Behie, Leo A. - The Development of a Medium for the <i>In Vitro</i> Expansion of Mammalian Neural Stem Cells	963
Aboudheir, Ahmed - See Tontiwachwuthikul, Paitoon	69	Behie, Leo A. - Use of New Reaction Kinetics for COS Formation to Achieve Reduced Sulfur Emissions from Claus Plants	392
Afacan, Artin - See Chuang, Karl T.	676, 682	Bellanger, Gilbert - Corrosion des aciers et superal- liages inoxydables en eau tritiée - influence du tritium et des espèces radiolytiques	530
Aittamaa, Juhani - See Pärssinen, Janne	299	Belmokre, Kamel - See Azzouz, Nouredine	522
Akhremkova, Galina S. - See Dolidovich, Alexandre F.	342	Bergougnou, Maurice A. - See Zhu, Jing-Xu (Jesse) ..	194
Al-Dahhan, Muthanna - Liquid Holdup Measurement Techniques in Laboratory High Pressure Trickle Bed Reactors.	759	Bergougnou, Maurice A. - See Prakash, Anand.	383
Allen, D. Grant - Biodegradation and Detoxification of Wood Leachate from Pentachlorophenol-Treated Poles.	942	Bhatia, Subhash - Catalytic Conversion of Palm Oil to Fuels and Chemicals	156
Allen, D. Grant - Model-Based Scale-Up Strategy for Mycelial Fermentation Processes.	844	Bi, Hsiaotao - Pressure and Voidage Fluctuations in Slugging Fluidized Beds	568
Anspach, F. Birger - See Deckwer, Wolf-Dieter	921	Bi, H. T. - Flow Patterns in High-Velocity Fluidized Beds and Pneumatic Conveying	223
Anthony, Edward J. - See Winter, Franz	275	Bi, Hsiaotao - See Grace, John R.	305
Apitz, Sabine - See Siegel, Mark H.	660	Bi, Hsiaotao T. - See Legros, Robert.	45
Arce, Alberto - Extractive Distillation of 2-Methoxy- 2-methylpropane + Ethanol Using 1-Butanol as Entrainer: Equilibria and Simulation	1135	Biberg, Dag - An Explicit Approximation for the Wetted Angle in Two-Phase Stratified Pipe Flow	1221
Arce, Pedro F. - See Valderrama, José O.	1239	Biberg, Dag - Liquid Wall Friction in Two-Phase Turbulent Gas Laminar Liquid Stratified Pipe Flow. .	1073
Arena, Umberto - The Influence of Particle Size and Density on the Radial Gas Mixing in the Dilute Region of the Circulating Fluidized Bed	231	Bishnoi, P. Raj - Equilibrium Conditions for the Hydrogen Sulfide Hydrate Formation in the Presence of Electrolytes and Methanol	718
Arni, Saleh - See Converti, Attilio.	618	Biswas, Gopal Krishna - See Bandyopadhyay, Swati ..	1028
Asbik, Mohamed - Numerical Study of Laminar Condensation of Downward Flowing Vapour on a Single Horizontal Cylinder or a Bank of Tubes ...	54	Blais, Jean-François - Enlèvement du phosphore des eaux usées par traitement à base de tourbe dopée aux boues rouges.	1185
Awdry, Serpil - See Hayes, Robert E.	688	Botton, Roger - Dispositif simple et performant pour dispenser un gaz dans un liquide en vue d'effectuer des réactions chimiques ou biochimiques en présence ou non de particules solides.	637
Azzouz, Nouredine - Étude de l'influence du mode d'anodisation sur la cinétique de croissance des films d'alumine en milieu acide sulfurique	522	Boyer, William D. A. - See Baird, Malcolm H. I.	92
Bacon, David W. - See Harris, Thomas J.	723	Braatz, Richard D. - Optimal Seeding in Batch Crystallization.	590
Baeyens, Jan - Effect of the Grid-Velocity on Attrition in Gas Fluidized Beds	738	Brahim, Faouzi Ben - Kinetics of Leaching of Tunisian Phosphate Ore Particles in Dilute Phosphoric Acid Solutions	136
Bahrani, Shirin - See Bassi, Amarjeet S.	931	Branca, Carmen - See Di Blasi, Colomba	555
Baird, Malcolm H. I. - Ion Exchange Equilibria in Binary and Ternary Systems	92	Brienne, Jean-Paul - See Delaplace, Guillaume	447
Bajpai, Rakesh - Mass Transfer Coefficients in Reactive Extraction of Lactic Acid from Fermentation Broths in Hollow-Fibre Membranes	863	Brigatti, Maria Franca - Treatment of Industrial Wastewater using Zolite and Sepiolite, Natural Microporous Materials	163
Bakker, André - See Myers, Kevin J.	1065	Broadbent, Arthur D. - See Thérien, Normand	1055
Bandyopadhyay, Swati - Thermal Deactivation Studies of Coconut Shell Pyrolysis	1028	Brucato, A. - See Yianneskis, M.	649
Banerjee, Tapan Kumar - See Das, Sudip Kumar ...	579	Bu, Jianjie - See Zhu, Jing-Xu	26
Bang, Jin Hwan - See Kim, Sang Done.	207	Budman, Hector - Developmental Studies of an Adaptive On-line Softsensor for Biological Wastewater Treatments	707
Bang, Woong - See Bascoul, Aimé	1105	Burgschweiger, Jens - See Tsotsas, Evangelos	333
Barbieri, Giuseppe - Theoretical and Experimental Analysis of Methane Steam Reforming in a Membrane Reactor	698	Carrère, Hélène - Mass Transfer Modeling during Cross-flow Filtration of Non-Newtonian Fluids. ...	584
Barnickel, Michael - See Scott, Donald S.	1021	Cassat, Brigitte - Étude hydrodynamique des lits fluidisés sous vide et sous haute température.	35
Barrozo, Marcos A. S. - Drying of Soybean Seeds in a Crossflow Moving Bed	1121	Cen, Kefa - See Fan, Jianren.	1113
Bart, Hans-Jörg - Decrement Estimation of the Heat Transfer Coefficient in Mixture Boiling	670	Chang, Yu-Juei - See Wang, Chi-Chuan	1225
Bascoul, Aimé - Effet d'un agitateur mécanique sur l'hydrodynamique et le transfert de matière gaz- liquide en réacteur gazosiphon	1105	Chaouki, Jamal - Position Velocity of a Large Particle in a Gas/Solid Riser using the Radioactive Particle Tracking Technique	253
Bassi, Amarjeet S. - Polyethyleneimine-Containing Sol-Gels as Novel Sorbents for the Removal of Cadmium from Aqueous Solutions	931	Chaouki, Jamal - See Legros, Robert.	45
Bassi, Amarjeet S. - See Zhu, Jing-Xu (Jesse).	284	Charles, Michael E. - See Kuhn, David C. S.	122

Index of Authors — 1999

Abba, Ibrahim A. - See Grace, John R.	305	Behie, Leo A. - The Development of a Medium for the <i>In Vitro</i> Expansion of Mammalian Neural Stem Cells	963
Aboudheir, Ahmed - See Tontiwachwuthikul, Paitoon	69	Behie, Leo A. - Use of New Reaction Kinetics for COS Formation to Achieve Reduced Sulfur Emissions from Claus Plants	392
Afacan, Artin - See Chuang, Karl T.	676, 682	Bellanger, Gilbert - Corrosion des aciers et superal- liages inoxydables en eau tritiée - influence du tritium et des espèces radiolytiques	530
Aittamaa, Juhani - See Pärssinen, Janne	299	Belmokre, Kamel - See Azzouz, Nouredine	522
Akhremkova, Galina S. - See Dolidovich, Alexandre F.	342	Bergougnou, Maurice A. - See Zhu, Jing-Xu (Jesse) ..	194
Al-Dahhan, Muthanna - Liquid Holdup Measurement Techniques in Laboratory High Pressure Trickle Bed Reactors.	759	Bergougnou, Maurice A. - See Prakash, Anand.	383
Allen, D. Grant - Biodegradation and Detoxification of Wood Leachate from Pentachlorophenol-Treated Poles.	942	Bhatia, Subhash - Catalytic Conversion of Palm Oil to Fuels and Chemicals	156
Allen, D. Grant - Model-Based Scale-Up Strategy for Mycelial Fermentation Processes.	844	Bi, Hsiaotao - Pressure and Voidage Fluctuations in Slugging Fluidized Beds	568
Anspach, F. Birger - See Deckwer, Wolf-Dieter	921	Bi, H. T. - Flow Patterns in High-Velocity Fluidized Beds and Pneumatic Conveying	223
Anthony, Edward J. - See Winter, Franz	275	Bi, Hsiaotao - See Grace, John R.	305
Apitz, Sabine - See Siegel, Mark H.	660	Bi, Hsiaotao T. - See Legros, Robert.	45
Arce, Alberto - Extractive Distillation of 2-Methoxy- 2-methylpropane + Ethanol Using 1-Butanol as Entrainer: Equilibria and Simulation	1135	Biberg, Dag - An Explicit Approximation for the Wetted Angle in Two-Phase Stratified Pipe Flow	1221
Arce, Pedro F. - See Valderrama, José O.	1239	Biberg, Dag - Liquid Wall Friction in Two-Phase Turbulent Gas Laminar Liquid Stratified Pipe Flow. .	1073
Arena, Umberto - The Influence of Particle Size and Density on the Radial Gas Mixing in the Dilute Region of the Circulating Fluidized Bed	231	Bishnoi, P. Raj - Equilibrium Conditions for the Hydrogen Sulfide Hydrate Formation in the Presence of Electrolytes and Methanol	718
Arni, Saleh - See Converti, Attilio.	618	Biswas, Gopal Krishna - See Bandyopadhyay, Swati ..	1028
Asbik, Mohamed - Numerical Study of Laminar Condensation of Downward Flowing Vapour on a Single Horizontal Cylinder or a Bank of Tubes ...	54	Blais, Jean-François - Enlèvement du phosphore des eaux usées par traitement à base de tourbe dopée aux boues rouges.	1185
Awdry, Serpil - See Hayes, Robert E.	688	Botton, Roger - Dispositif simple et performant pour dispenser un gaz dans un liquide en vue d'effectuer des réactions chimiques ou biochimiques en présence ou non de particules solides.	637
Azzouz, Nouredine - Étude de l'influence du mode d'anodisation sur la cinétique de croissance des films d'alumine en milieu acide sulfurique	522	Boyer, William D. A. - See Baird, Malcolm H. I.	92
Bacon, David W. - See Harris, Thomas J.	723	Braatz, Richard D. - Optimal Seeding in Batch Crystallization.	590
Baeyens, Jan - Effect of the Grid-Velocity on Attrition in Gas Fluidized Beds	738	Brahim, Faouzi Ben - Kinetics of Leaching of Tunisian Phosphate Ore Particles in Dilute Phosphoric Acid Solutions	136
Bahrani, Shirin - See Bassi, Amarjeet S.	931	Branca, Carmen - See Di Blasi, Colomba	555
Baird, Malcolm H. I. - Ion Exchange Equilibria in Binary and Ternary Systems	92	Brienne, Jean-Paul - See Delaplace, Guillaume	447
Bajpai, Rakesh - Mass Transfer Coefficients in Reactive Extraction of Lactic Acid from Fermentation Broths in Hollow-Fibre Membranes	863	Brigatti, Maria Franca - Treatment of Industrial Wastewater using Zolite and Sepiolite, Natural Microporous Materials	163
Bakker, André - See Myers, Kevin J.	1065	Broadbent, Arthur D. - See Thérien, Normand	1055
Bandyopadhyay, Swati - Thermal Deactivation Studies of Coconut Shell Pyrolysis	1028	Brucato, A. - See Yianneskis, M.	649
Banerjee, Tapan Kumar - See Das, Sudip Kumar ...	579	Bu, Jianjie - See Zhu, Jing-Xu	26
Bang, Jin Hwan - See Kim, Sang Done.	207	Budman, Hector - Developmental Studies of an Adaptive On-line Softsensor for Biological Wastewater Treatments	707
Bang, Woong - See Bascou, Aimé	1105	Burgschweiger, Jens - See Tsotsas, Evangelos	333
Barbieri, Giuseppe - Theoretical and Experimental Analysis of Methane Steam Reforming in a Membrane Reactor	698	Carrère, Hélène - Mass Transfer Modeling during Cross-flow Filtration of Non-Newtonian Fluids. ...	584
Barnickel, Michael - See Scott, Donald S.	1021	Cassat, Brigitte - Étude hydrodynamique des lits fluidisés sous vide et sous haute température.	35
Barrozo, Marcos A. S. - Drying of Soybean Seeds in a Crossflow Moving Bed	1121	Cen, Kefa - See Fan, Jianren.	1113
Bart, Hans-Jörg - Decrement Estimation of the Heat Transfer Coefficient in Mixture Boiling	670	Chang, Yu-Juei - See Wang, Chi-Chuan	1225
Bascou, Aimé - Effet d'un agitateur mécanique sur l'hydrodynamique et le transfert de matière gaz- liquide en réacteur gazosiphon	1105	Chaouki, Jamal - Position Velocity of a Large Particle in a Gas/Solid Riser using the Radioactive Particle Tracking Technique	253
Bassi, Amarjeet S. - Polyethyleneimine-Containing Sol-Gels as Novel Sorbents for the Removal of Cadmium from Aqueous Solutions	931	Chaouki, Jamal - See Legros, Robert.	45
Bassi, Amarjeet S. - See Zhu, Jing-Xu (Jesse).	284	Charles, Michael E. - See Kuhn, David C. S.	122

Chen, Caixia - See Kojima, Toshinori	745	Dolidovich, Alexandre F. - Novel Technologies of VOC Decontamination in Fixed, Moving and Fluidized Catalyst-Adsorbent Beds	342
Chen, M. - See Larachi, F.	751	Drioli, Enrico - See Barbieri, Giuseppe	698
Chhabra, Rajendra P. - A Numerical Study of Steady Incompressible Newtonian Fluid Flow Over a Disk at Moderate Reynolds Numbers	113	Du, Yuan-Jan - See Wang, Chi-Chuan	1225
Chhabra, Raj P. - Steady Incompressible Fluid Flow Over a Bundle of Cylinders at Moderate Reynolds Numbers	978	Duquenne, Anne-Marie - Local Measurements for the Study of External Loop Airlift Hydrodynamics	375
Chiba, Tadatoshi - See Kuramoto, Koji	291	Duquenne, Anne-Marie - See Bascoul, Aimé	1105
Chowdhury, Ranjana - See Bandyopadhyay, Swati	1028	Efremtsev, Vyacheslav S. - See Dolidovich, Alexandre F.	342
Chu, Chen-Yeon - See Baeyens, Jan	738	Eilos, Isto - See Pärssinen, Janne H.	299
Chuang, Karl T. - Removal of Acetic Acid from Water by Catalytic Distillation. Part 1: Experimental Studies	676	El Solh, Tarek - See de Lasa, Hugo	413
Chuang, Karl T. - Removal of Acetic Acid from Water by Catalytic Distillation. Part 2: Modeling and Simulation Studies	682	Elmaoui, Mohamed - See Brahim, Faouzi Ben	136
Chuang, Karl T. - Wet Oxidation of Bleach Plant Effluent: Effects of pH on the Oxidation with or without a Pd/Al ₂ O ₃ Catalyst	399	Engler, Cady R. - Processing Efficiency of Immobilized Non-Growing Bacteria: Biocatalytic Modeling and Experimental Analysis	883
Chung, Serena H. - See Braatz, Richard D.	590	Eswaran, V. - See Chhabra, Raj P.	978
Coelho, Manuel A. - See Salcedo, Romualdo L.	609	Fan, Liang-Shih - On the Measurements of Regime Transition in High-Pressure Bubble Columns	370
Converti, Attilio - The Effects of Temperature and Viscosity on Glucose Diffusivity through <i>Saccharomyces cerevisiae</i> Biofilms	618	Fan, Jianren - On a Eulerian and Lagrangian Combined Model in Dense Particle-Laden Riser Flow	1113
Coeuret, François - Détermination électrochimique du nombre de Sherwood minimum pour un milieu macro-poreux (fritté - lit fixe de grains)	855	Fang, Bai S. - See Reuss, Matthias	838
Coppola, Gianfilippo - See Di Felice, Renzo	325	Faraji, Farhad - See Stausz, Otto P.	78
Couderc, Jean-Pierre - See Caussat, Brigitte	35	Finch, James A. - Effect of Pulp Fibres on Gas Holdup in a Flotation Column	22
Courbariaux, Yann - See Pugsley, Todd	213	Fong, Chen Feng Chan Man - See Rodrigue, Denis	766
Couturier, Michel - See Pugsley, Todd	213	Fournier, Pierre - See De Lasa, Hugo	413
Daif, Abdallah - See Asbik, Mohamed	54	Franchini, Giancarlo - See Brigatti, Maria Franca	163
Darcovich, Ken - Inlet Plenum Pressure Drop Calculation for a Cross-Flow Module	119	François, Pierre - See Kastrinakis, Eleftherios G.	3
Das, Sudip Kumar - Pressure Losses in Orifices for the Flow of Gas-Non-Newtonian Liquids	579	Freire, José T. - See Barrozo, Marcos A. S.	1121
Dawson, Peter S. S. - See Sheppard, John D.	893	Besant, Robert W. - Dissolution Reaction of Potash Fertilizer with Moisture	1127
De Kee, Daniel - See Rodrigue, Denis	766	Frigieri, Paola - See Brigatti, Maria Franca	163
de Lasa, Hugo - MTBE Synthesis in a Novel Riser Simulator	413	Fryer, P. J. - See Liu, S.	1083
de Lasa, Hugo - A Sporulation Kinetic Model for Batch Growth of <i>B. thuringiensis</i>	903	Fukunaka, Y. - See Kusaka, E.	62
Deckwer, Wolf-Dieter - Model Studies on the Mechanism of Endotoxin Adsorption on Flat-Sheet Microfiltration Membrane Adsorbers	921	Furumoto, Keiji - See Nakao, Katsumi	816
Del Borghi, Marco - See Converti, Attilio	618	Gandhi, Bimal - See Prakash, Anand	383
Delaplace, Guillaume - Détermination expérimentale et prédiction des temps de circulation et de mélange pour un système d'agitation hélicoïdal	447	Gardinali, Christian - See Brigatti, Maria Franca	163
Delmas, Henri - See Bascoul, Aimé	1105	Gerritsen, Albert W. - See Liang, Bin	483
Delmas, Henri - See Duquenne, Anne-Marie	375	Ghanta, Kartik Chandra - Pressure Drop Prediction in Hydraulic Transport of Bi-Dispersed Particles of Coal and Copper Ore in Pipeline	127
Dhib, Rhamdane - See Thérien, Normand	1055	Ghosal, Aloke K. - See Maiti, Binoy R.	997
Di Blasi, Colomba - Global Degradation Kinetics of Wood and Agricultural Residues in Air	555	Ghoshdastidar, Sarathi - See Chhabra, Rajendra	113
Di Felice, Renzo - Modeling of Biomass Devolatilization in a Fluidized Bed Reactor	325	Gilarranz, M. A. - See Rodriguez, F.	515
Di Felici, Renzo - See Converti, Attilio	618	Gímenes, Marcelino L. - Hydrodynamics and Particle Collection in Turbulent Bed Contactors	562
Dieulot, Jean-Yves - See Delaplace, Guillaume	447	Glick, Bernard R. - The Potential of L-Form Bacteria in Biotechnology	973
Dluhy, Marián - See Teixeira, José A.	497	Gluz, Michail - See Popovic, Milan	804
Doğu, Timur - Dynamic Analysis of Adsorption Equilibrium and Rate Parameters of Reactants and Products in MTBE, ETBE and TAME Production	406	Godfroy, Larin - See Chaouki, Jamal	253
Doğu, Gülşen - See Doğu, Timur	406	Gogate, Parag R. - See Pandit, Aniruddha B.	988
Dohi, Naoki - See Kawase, Yoshinori	786	Gomez, Cesar O. - See Finch, James A.	22
		Grace, John R. - Fluidized Bed Catalytic Reactor Modeling across the Flow Regimes	305
		Grace, John R. - See Bi, H. T.	223
		Grandjean, B. P. A. - See Larachi, F.	751
		Gray, Murray - Growth of <i>Rhizobium leguminosarum</i> on Peat in Rotating Bioreactors	911
		Grichko, Varvara P. - See Glick, Bernard R.	973
		Groenewold, Hans - See Tsotsas, Evangelos	333
		Gu, Junjie - See Bart, Hans-Jörg	670
		Guo, Qimin - See Kato, Kunio	356
		Guy, Christophe - Modeling of an Internally Circulating	420

Fluidized Bed Reactor for Thermal Treatment of Industrial Solid Wastes	420	Kato, Kunio - Collapse of Dilute Suspension in Different Circulating Fluidized Bed Risers with Respect to Different Particles	238
Guy, Christophe - See Duquenne, Anne-Marie	375	Kato, Kunio - Removal of SO ₂ from Flue Gas using a New Semidry Flue Gas Desulfurization Process with a Powder-Particle Spouted Bed	356
Hagelberg, Pasi - See Pärssinen, Janne H.	299	Kawagoe, Mikio - Radial Liquid Velocity Distribution in an External-Loop Airlift Column with a Tapered Riser	811
Handley, Douglas - See Gimenes, Mardelino L.	562	Kawase, Yoshinori - Mixing in Multiple-Impeller Stirred Reactors with Boiling Liquids	786
Harada, Tsuyoshi - See Nakao, Katsumi	816	Keneko, Takao - See Kato, Kunio	356
Harris, Thomas J. - Assessing the Precision of Model Predictions and Other Functions of Model Parameters	723	Khare, Ashok S. - See Joshi, Jyeshtharaj B.	826
Hassan, Ibrahim G. - See Soliman, Hassan M.	433	Khmou, Ahmed - See Asbik, Mohamed	54
Hassan, Marie-Claire - See Karamanev, Dimitre G. ..	936	Kiefner, Andreas - See Nakao, Katsumi	816
Hayes, Robert E. - Catalytic Combustion of Methane in a Monolith Washcoat: Effect of Water Inhibition on the Effectiveness Factor	688	Kikuchi, Ken-ichi - Hydrodynamic Behavior of Single Particles in a Draft-Tube Bubble Column	573
Hemati, Merhdji - See Caussat, Brigitte	35	Kim, Jin-Woo - See Engler, Cady R.	883
Hemmi, Martin - See Hempel, Dietmar	948	Kim, Sang Done - Bed-to-Wall Heat Transfer in a Downer Reactor	207
Hempel, Dietmar - Sequencing Batch Reactor Technology for the Purification of Concentrated Dyehouse Liquors	948	Kim, Yong Jeon - See Kim, Sang Done	207
Henrique, Humberto M. - See Barrozo, Marcos A. S. ..	1121	Kojima, Toshinori - On the Scaling-up of a Two-stage Air Blown Entrained Flow Coal Gasifier	745
Henry, Michael P. - See Pfromm, Peter H.	1231	Kolaczowski, Stan T. - See Hayes, Robert E.	688
Highfill, Wes - See Al-Dahhan, Muthanna	759	Korbee, Rob - See Liang, Bin	483
Hill, Gordon A. - Bioremediation of Contaminated Air Using an External-Loop Airlift Bioreactor	955	Kowalski, Janusz E. - See Soliman, Hassan M.	433
Hirama, Toshimasa - See Tsutsumi, Atsushi	247	Kuźniewska-Lach, Irena - Estimation of Phase Velocities at Flooding Point in Packed Columns for any Gas/Liquid System	439
Hirschmann, Carola - See Tsotsas, Evangelos	333	Kristoffersson, Annika - See Zupančič, Andreja	627
Hofbauer, Hermann - See Winter, Franz	275	Kritpiphat, Weerapong - See Tontiwachwuthikul, Paitoon	69
Hong, Andrew P. - See Kuo, Chiang-Hai	473	Krull, Rainer - See Hempel, Dietmar	948
Horio, Masayuki - See Kojima, Toshinori	745	Kudsy, Mahally - See Kumazawa, Hidehiro	1176
Huang, Biao - Performance Assessment of Processes with Abrupt Changes of Disturbances	1044	Kuhn, David C. S. - Two Dimensional Flow Deflection Screen Model	122
Huang, Chun-Hsiung - See Li, Kuo-Tseng	1141	Kumazawa, Hidehiro - Pyrolysis of Lignin in the Presence of Molten ZnCl ₂ -KCl Mixture	1176
Hyun, Jae Chun - A New Direct-Synthesis Tuning Method for PI-Controllers	180	Kunzru, Deepak - See Pant, Kamal K.	150
Iannotti, Eugene L. - See Bajpai, Rakesh.	863	Kuo, Chiang-Hai - Kinetics and Mechanism of the Reaction Between Ozone and Hydrogen Peroxide in Aqueous Solutions	473
Ibrahim, Ahmed A. - See Valderrama, José O.	1239	Kuramoto, Koji - High-Velocity Fluidization of Solid Particles in a Liquid-Solid Circulating Fluidized Bed System	291
Iliuta, I. - See Larachi, F.	751	Kusaka, E. - Two-Liquid Flotation of Fine Oxide Particles with 8-Hydroxyquinoline	62
Ishii, Yukimasa - See Kawagoe, Mikio	811	Lapasin, Romano - See Zupančič, Andreja	627
Itano, Norihiro - See Kawase, Yoshinori	786	Larachi, F. - Onset of Pulsing in Trickle Beds: Evaluation of Current Tools and State-of-the-art Correlation	751
Jamialahmadi, Mohammad - See Müller-Steinhagen, Hans	11	Larachi, Faïçal - See Chaouki, Jamal.	253
Jand, Nader - See Di Felice, Renzo	325	Lawniczak, Fabrice - See Kastrinakis, Eleftherios G. ..	3
Janse, Peter - See Finch, James A.	22	Lebrun, Rémi E. - Modélisation de nanofiltration/osmose inverse en tenant compte du facteur de séparations minimale et maximale	503
Jauhari, Ritika - See Gray, Murray	911	Lee, K. C. - See Yianneskis, M.	649
Ji, Kongshen - See Tsutsumi, Atsushi	247	Legentilhomme, Patrick - See Pruvost, Jérémy	869
Ji, Wei - See Lin, Yen-Han	917	Legrand, Jack - See Pruvost, Jérémy	869
Ji, Xinsheng - See Tontiwachwuthikul, Paitoon.	69	Legros, Robert - An Investigation of Heat Transfer from a Vertical Tube in a Spouted Bed	45
Jose, L. - See Budman, Hector	707	Legros, Robert - See Guy, Christophe	420
Joshi, Jyeshtharaj B. - CFD Modeling of Flow, Macro-mixing and Axial Dispersion in a Bubble Column. ..	826	Lehn, Mary C. - See Myers, Kevin J.	1065
Joshi, Jyeshtharaj B. - Stability of Gas-Inducing Type Impellers	793	Leng, Tan Yee - See Bhatia, Subhash	156
Jung, Chan Sul - See Hyun, Jae Chun	180	Leu, Lii-Ping - Effect of Sound on the Fluidization of Group B Particles	1215
Kamiya, Hidehiro - See Kojima, Toshinori	745		
Karamanev, Dimitre G. - Design and Experimental Study of Immobilized Soil Bioreactor for In-Well Biodegradation of Pentachlorophenol in Ground-water	936		
Karamanev, Dimitre G. - Experimental Study and Mathematical Modeling of Gaseous Toluene Biofiltration by Thermophilic Active Compost. ...	1037		
Karan, Kunal - See Behie, Leo A.	392		
Kastrinakis, Eleftherios G. - The Efficiency of Short Airlift Pumps Operating at Low Submergence Ratios	3		

Leuliet, Jean-Claude - See Delaplace, Guillaume . . .	447	Mohamed, Abdul Rahman - See Bhatia, Subhash . . .	156
Lewandowski, Grzegorz - Parameters of the Epoxidation of 1-Octene by <i>t</i> -Butyl Hydroperoxide	1154	Mollah, A. Hamid - See Allen, D. Grant	942
Li, Kuo-Tseng - Iron-Molybdenum-Oxide Catalysts for Selective Oxidation of Hydrogen Sulfide to Sulfur	1141	Montante, G. - See Yianneskis, M.	649
Liang, Bin - Preparation of the Mn/Y-Al ₂ O ₃ Acceptor for High Temperature Regenerative H ₂ S Removal . . .	483	Mueller, Gary E. - A Radial Void Fraction Correlation for Packed Bed Tubes	132
Lin, Yen-Han - Amino Acids Profiles in a pH-auxostat	917	Mukadi, Lukanda - See Guy, Christophe	420
Lin, T. -J. - See Fan, Liang-Shih	370	Müller-Steinhagen, Hans - Gas Holdup in Homogeneous and Hetrogeneous Gas-Liquid Bubble Column Reactors	11
Liu, S. - Influence of Particle-Specific Gravity and Particle Shape on the Averaged Axial Velocity . .	1083	Munshi, Basudeb - See Chhabra, Rajendra P.	113
Löffler, Gerhard - See Winter, Franz	275	Mürtezaoglu, Kirali - See Doğu, Timur	406
Lord, Stephen M. - See Lund, Kurt O.	769	Myers, Kevin J. - Agitator Design for Solids Suspension under Gassed Conditions	1065
Lorizzo, Antonio - See Carrère, Hélène	584	Nakagawa, Nobuyoshi - See Kato, Kunio	238
Lund, Kurt O. - Numerical Correlation for Thermal Conduction in Packed Beds	769	Nakahiro, Y. - See Kusaka, E.	62
Ma, David L. - See Braatz, Richard D.	590	Nakao, Katsumi - Mass Transfer Properties of Bubble Columns Suspending Immobilized Glucose Oxidase Gel Beads for Gluconic Acid Production	816
Ma, Yinliang - See Fan, Jianren	1113	Nandakumar, Krishnaswamy - See Masliyah, Jacob H. . .	1003
Ma, Xiaoxun - See Kato, Kunio	356	Naoe, Kazumitsu - See Kawagoe, Mikio	811
Maa, Jer-ru - See Yang, Yu-Min	1013	Nasr-El-Din, Hisham A. - See Masliyah, Jacob H. . .	1003
Macchi, Arturo - See Legros, Robert	45	Nguyen, Huy - See Lund, Kurt O.	769
Macdonald, Douglas G. - See Hill, Gordon A. . . .	955	Ninae, M. - See Kusaka, E.	62
Madia, Giuseppe S. - See Barbieri, Giuseppe . . .	698	Nirdosh, I. - See Baird, Malcolm H. I.	92
Maegawa, K. - See Kusaka, E.	62	Nirdosh, Inderjit - Leaching of Uranium and ²²⁶ Ra from Low-level Radioactive Waste from Port Hope, Ontario	508
Mahadev, Kak N. - See Bishnoi, P. Raj	718	Nomura, Kousuke - See Kato, Kunio	238
Maiti, Binoy R. - Experimental Study on the Simultaneous Adsorption of Carbon Dioxide and Moisture from Nitrogen in Linde 5A Molecular Sieves	997	Nychas, Stavros G. - See Kastrinakis, Eleftherios G. . .	3
Majerski, Piotr - See Scott, Donald S.	1021	Ohara, Hiroaki - See Tsutsumi, Atsushi	247
Malay, Pathanjali - See Rohani, Sohrab	169	Oktar, Nuray - See Doğu, Timur	406
Margaritis, Argyrios - See de Lasa, Hugo	903	Oliet, M. - See Rodriguez, F.	515
Margaritis, Argyrios - See Zhu, Jing-Xu (Jesse) . . .	284	Oshinowo, Lanre - See Kuhn, David C. S.	122
Margaritis, Argyrios - See Prakash, Anand	99	Ostrowski, Thomas - See Mleczko, Leslaw	363
Martin, Steve A. - See Zhu, Jing-Xu (Jesse)	284	Paatero, Erkki - See Sundqvist, Satu	465
Martinez, Eloisa Rus - See Martinez de la Cuesta, Pedro J.	1169	Pagetti, Jacques - See Azzouz, Noureddine	522
Martinez de la Cuesta, Pedro J. - Esterification of Ethenyl Benzene and its Derivatives with Acetic Acid in the Presence of Perchloric Acid as a Catalyst	1169	Pain, J. P. - See Liu, S.	1083
Masliyah, Jacob H. - Continuous Separation of Suspensions Containing Light and Heavy Particle Species	1003	Panday, Prabodh Kumar - See Asbik, Mohamed	54
Mastellone, Maria Laura - See Arena, Umberto . . .	231	Pandit, Aniruddha B. - Mixing of Miscible Liquids with Density Differences: Effect of Volume and Density of the Tracer Fluid	988
Matsuda, Yukimasa - See Kawase, Yoshinori	786	Pant, Kamal K. - Noncatalytic and Catalytic Pyrolysis of Toluene	150
Matsue, Hirokazu - See Terasaka, Koichi	458	Pärssinen, Janne H. - Application of Dynamic Pressure Probe Technique to Characterize a Circulating Fluidized Bed	299
Matteau, Yanick - See Karamanev, Dimitre G. . . .	1037	Patil, Swapnil S. - See Joshi, Jyeshtharaj B.	793
Medici, Luca - See Brigatti, Maria Franca	163	Patnaik, Pratap R. - Plasmid Stability Analysis in a Non-Homogeneous Bioreactor for a Recombinant Fed-Batch Fermentation	602
Mehrotra, Anil K. - See Behie, Leo A.	392	Paynot, François - See Darcovich, Ken	119
Meng, Shang-Shin - See Wu, Ho-Shing	1146	Pélerin, Erick - See Darcovich, Ken	119
Merchuk, Jose C. - See Popovic, Milan	804	Peng, Shi-Wen - See Besant, Robert W.	1127
Mercier, Guy - See Blais, Jean-François	1185	Pérez, Fuensanta I. Palomino - See Martinez de la Cuesta, Pedro J.	1169
Mgaidi, Arbi - See Brahim, Faouzi Ben	136	Petsch, Dagmar - See Deckwer, Wolf-Dieter	921
Milchert, Eugeniusz - See Lewandowski, Grzegorz . .	1154	Pffromm, Peter H. - Chloride and Other Non-Process Elements	1231
Milne, Bruce J. - See Rohani, Sohrab	169	Phanikumar, Docca V. - See Joshi, Jyeshtharaj B. . .	826
Minekawa, Kimio - See Kawase, Yoshinori	786	Piskorz, Jan - See Scott, Donald S.	1021
Miyoshi, Takahiro - See Kojima, Toshinori	745	Popovic, Milan - Characterization of an Airlift Reactor with Helical Flow Promoters	804
Mleczko, Leslaw - Simulations of the Effect of Hydrodynamic Conditions and Properties of Membranes on the Catalytic Performance of a Fluidized-Bed Membrane for Partial Oxidation of Methane	363	Popovic, Milan - See Nakao, Katsumi	816
		Popovic, Milan K. - See Bajpai, Rakesh	863

Poppi, Luciano - See Brigatti, Maria Franca	163	Satheesh, V. K. - See Chhabra, Raj P.	978
Prakash, Anand - Effects of Sparger Height and Orifice Orientation on Solids Dispersion in a Slurry Bubble Column.	383	Saunders, Richard C. - See Prakash, Anand	99
Prakash, Anand - High Concentrations Ammonia Removal by the Cyanobacterium <i>Plectonema Boryanum</i> in a Photobioreactor System.	99	Saville, Bradley A. - The Effect of a Perfluorochemical Emulsion on Enzyme Reaction Stability	877
Preto, Fernando - See Winter, Franz	275	Saxena, Satish C. - Hydrodynamic Characteristics of Magnetically Stabilized Fluidized Admixture Beds of Iron and Copper Particles	312
Prins, Wolter - See Venderbosch, Rob H.	262	Scheler, Christian - See Bajpai, Rakesh.	863
Prakash, Anand - See de Lasa, Hugo.	413	Schlötelburg, Cord - See Popovic, Milan.	804
Pruvost, Jérémy - Transfert photonique dans un photoréacteur à écoulement tourbillonnaire	869	Scott, Donald S. - Production of Liquid Fuels from Waste Plastics	1021
Pugsley, Todd - Heat Transfer between FCC Catalyst and an Electrically Heated Horizontal Cylinder in a Circulating Fluidized Bed	213	Scrivener, Olivier - See Kastrinakis, Eleftherios G.	3
Pujari, A. A. - See Yadav, G. D.	489	Sen, Arindom - See Behie, Leo A.	963
Purohit, N. K. - See Ghanta, Kartik Chandra.	127	Shen, Jui-Fu - See Yang, Yu-Min	1013
Qian, Yu - On the Fuzzy Logic Rule Based Modeling and Process Simulation	186	Sheppard, John D. - Cell Synchrony and Periodic Behaviour in Yeast Populations.	893
Quinn, Shannon L. - See Harris, Thomas J.	723	Shimizu, Kazuhiro - See Kawase, Yoshinori.	786
Radlein, Desmond - See Scott, Donald S.	1021	Siegel, Marc H. - Influence of Geometry and Solids Concentration on the Hydrodynamics and Mass Transfer of a Rectangular Airlift Reactor for Marine Sediment and Soil Bioremediation	660
Rainina, Evguenia I. - See Engler, Cady R.	883	Sims, Grant E. - See Soliman, Hassan M.	433
Ramakrishnan, V. - See Sai, P. S. T.	775	Smith, John M. - See Müller-Steinhagen, Hans.	11
Ramkrishna, Doraiswami - Modeling the Effect of Drop Charge on Coalescence in Turbulent Liquid-Liquid Dispersions	1090	Soliman, Hassan M. - The Onset of Liquid Entrainment during Discharge from Two Branches on an Inclined Wall	433
Ramsay, Bruce A. - See Karamanev, Dimitre G.	936	Song, Hyung Keun - See Hyun, Jae Chun.	180
Rao, D. P. - The Futility of Raffinate Reflux Revisited	74	Soto, Ana - See Arce, Alberto.	1135
Rapagna, Sergio - See Di Felice, Renzo	325	Sriram, V. - See Sai, P. S. T.	597
Raphael, Matheo - See Rohani, Sohrab	540	Strathdee, Graeme - See Besant, Robert W.	1127
René, Frédéric - See Carrère, Hélène.	584	Strausz, Otto P. - The Co-Catalyzed Conversion of H_2S to H_2 + Sulfur Part 2. The Thermal Decomposition of COS	78
Reuss, Matthias - k_a Correlation Established on the Basis of a Neural Network Model	838	Stuber, Frank - See Duquenne, Anne-Marie	375
Rivera, David - See de Lasa, Hugo	903	Stubington, John - See Van Puyvelde, Dennis.	85
Roberge, Guy - See Blais, Jean-François.	1185	Sugawara, Fumiya - See Kikuchi, Ken-Ichi.	573
Robinson, W. Campbell - See Budman, Hector.	707	Sun, Ping - See Fan, Jianren	1113
Rodil, Eva - See Arce, Alberto	1135	Sundqvist, Satu - Resination and Decarboxylation Reactions in Fusion Synthesis of Ca-Resinates	465
Rodrigue, Denis - A Note on the Drag Coefficient of a Single Gas Bubble in a Power-Law Fluid	766	Taallah, Habib - See Azzouz, Noureddine.	522
Rodriguez, F. - Methanol-based pulping of <i>Eucalyptus Globulus</i>	515	Tadayyon, Abdulsamad - See Rohani, Sohrab.	1195
Rohani, Sohrab - Dynamic Modeling of Continuous Evaporative Cooling KCl-NaCl Crystallizers.	1195	Takahashi, Hiroshi - See Kikuchi, Ken-Ichi	573
Rohani, Sohrab - The Modified Model of a Riser Type Fluid Catalytic Cracking Unit	169	Takeda, Yutaka - See Kikuchi, Ken-Ichi	573
Rohani, Sohrab - Sunflower Protein Precipitation in a Tubular Precipitator	540	Tan, Henry K. S. - Chromic Acid Removal by Anion Exchange	143
Ruvalcaba, J. Ramiro Rodriguez - See Caussat, Brigitte	35	Tao, Wei-Han - See Wang, Chi-Chuan	1225
Safarik, Imre - See Strausz, Otto P.	78	Taralas, Georgios - Modeling the Influence of Mineral Rocks, Active in Different Hot Gas Conditioning Systems and Technologies, on the Production of Light α -Olefins	1205
Sai, P. S. T. - Optimization of Air Distribution in Direct Reduction Process in Rotary Kilns	775	Teixeira, José A. - Increase of Ethanol Productivity in an Airlift Reactor with a Modified Draught Tube	497
Sai, P. S. T. - Transient Response of Granular Bed Motion in Rotary Kiln.	597	Tenhola, Hari - See Sundqvist, Satu.	465
Salcedo, Romualdo L. - Turbulent Dispersion Coefficients in Cyclone Flow: An Empirical Approach	609	Terasaka, Koichi - Bubble Formation in Cocurrently Upward Flowing Liquid	458
Samanta, Amar N. - See Maiti, Binoy R.	997	Thakre, Shirish S. - See Joshi, Jyeshtharaj B.	826
Samanta, Arun Kumar - See Das, Sudip Kumar	579	Thérien, Normand - Model-Based Multivariable Control of the Drying of a Thin Sheet of Fibres in a Continuous Infrared Dryer.	1055
Sanchez, Garcia - See Budman, Hector.	707	Thompson, Chrystal - See Lund, Kurt O.	769
Sarrafi, Amir - See Müller-Steinhagen, Hans	11	Thompson, Michael L.	305
Sarria, Francisca Romero - See Martínez de la Cuesta, Pedro J.	1169	Tijero, J. - See Rodriguez, F.	515
Sartori, Dermeval J. M. - See Barrozo, Marcos A. S.	1121	Tobajas, Montserrat - See Siegel, Mark H.	660
		Tobin, Thomas - See Ramkrishna, Doraiswami.	1090
		Toll, Floyd N. - See Darcovich, Ken.	119

Tontiwachwuthikul, Paitoon - Mass Transfer Parameter Estimation Using Optimization Technique: Case Study in CO ₂ Absorption with Chemical Reaction.	69	Wu, Shu-Yii - See Baeyens, Jan	738
Torres, Manuel E. - See Strausz, Otto P.	78	Wu, Wei Y. - See Saxenz, Satish C.	312
Tsai, Shih-Perng - See Pfromm, Peter H.	1231	Xu, Guangwen - See Kato, Kunio.	238, 356
Tsotsas, Evangelos - From Hygroscopic Single Particle to Batch Fluidized Bed Drying Kinetics	333	Xu, Yazhen - See Lebrun, Rémi E.	503
Tsuchiya, K. - See Fan, Liang-Shih.	370	Xu, Zhanping - See Chuang, Karl T.	676, 682
Tsuge, Hideka - See Terasaka, Koichi.	458	Yadav, G. D. - Kinetics of Acetalization of Perfumery Aldehydes with Alkanols over Solid Acid Catalysts.	489
Tsutsumi, Atsushi - Chaotic Characteristics of Local Voidage Fluctuation in a Circulating Fluidized Bed.	247	Yanful, Ernest - See Bassi, Amarjeet S.	931
Tsutsumi, Atsushi - See Kuramoto, Koji.	291	Yang, Chien-Hsin - Hypochlorite Production on Ru-Sn Binary Oxide Electrode and its Application in Treatment of Dye Wastewater.	1161
Utiger, Marianne - See Duquenne, Anne-Marie.	375	Yang, He - See Allen, D. Grant.	844
Valderrama, José O. - Vapour-Liquid Equilibrium of H ₂ S-Hydrocarbon Mixtures Using a Generalized Cubic Equation of State.	1239	Yang, He - See Reuss, Matthias.	838
van den Bleek, Cor M. - See Liang, Bin.	483	Yang, Yu-Min - Surfactant Effects on Gas Absorption in a Coke-Oven Gas Treatment Process.	1013
Van Puyvelde, Dennis - The Ignition Temperature of Lignite Char in a Fluidized Bed Combustor.	85	Yen, Yung Song - See Leu, Lii-Ping.	1215
Van Saaij, Wim P. M. - See Venderbosch, Rob H.	262	Yianneskis, M. - An Experimental Study of Double-to-Single-Loop Transition in Stirred Vessels.	649
Venderbosch, Rob H. - Mass Transfer and Influence of the Local Catalyst Activity on the Conversion in a Riser Reactor.	262	Yildirim, Erdal - See Strausz, Otto P.	78
Vicente, António A. - See Teixeira, José A.	497	Yoshida, Shohei - See Kawagoe, Mikio.	811
Vijayan, Sivaraman - See Prakash, Anand.	99	Yoshida, Kunio - See Tsutsumi, Atsushi.	247
Vilar, Eudésio Oliveira - See Coeuret, François.	855	Zappi, Mark E. - See Kuo, Chiang-Hai.	473
Wang, Chi-Chuan - Airside Performance of Herringbone Fin-and-Tube Heat Exchangers in Wet Conditions.	1225	Zhang, Hui - See Zhu, Jing-Xu (Jesse).	194
Wang, C. Y. - Laminar Flow in Certain Ducts of Symmetric Cross Section.	107	Zhang, Pei-Rong - See Qian, Yu.	186
Warrington, James C. - See Saville, Bradley A.	877	Zhang, Qinglin - See Chuang, Karl T.	399
Wartha, Christian - See Winter, Franz.	275	Zheng, Ying - See Zhu, Jing-Xu (Jesse).	284
Wei, Vicky Q. - See Hill, Gordon A.	955	Zhong, Li - See Kuo, Chiang-Hai.	473
Wen, Jianzhang - See Zhu, Jing-Xu (Jesse).	284	Zhu, Jing-Xu (Jesse) - The Axial Hydrodynamic Behavior in a Liquid-Solid Circulating Fluidized Bed.	284
Wild, James R. - See Engler, Cady R.	883	Zhu, Jing-Xu (Jesse) - Flow Development in a Gas-Solids Downer Fluidized Bed.	194
Winter, Franz - The NO and N ₂ O Formation Mechanism under Circulating Fluidized Bed Combustor Conditions: from the Single Particle to the Pilot-Scale.	275	Zhu, Jing-Xu - Influence of Ring-Type Internals on Axial Pressure Distribution in Circulating Fluidized Bed.	26
Wu, Ho-Shing - Kinetic Study of Reaction of Hexachlorocyclophosphazene with Phenol by Triphase Catalysis.	1146	Zilli, Mario - See Converti, Attilio.	618
		Zupančič, Andreja - Rheological Properties of Aqueous α Al ₂ O ₃ Suspensions: Influence of Dispersant Concentration.	627